

## Tennessee Pollution Prevention Partnership Success Story



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### Dole Out the savings

#### The Member

Delta Faucet Co. started up production in its Jackson, Tennessee, facility in August 1995. The operation started with less than 50 people working one shift. Today, the facility employs over 500 associates that are working three shifts. Construction has also begun on a 250,000 square foot central distribution center located adjacent to the Jackson plant. The Jackson facility has reached milestones of one million and five million faucets produced within its first five years.

#### The Story

We discovered that our production had rapidly outgrown the soft water equipment used in our Plating process. Two possible solutions were either to replace the equipment with a set-up capable of handling the water load, or to reduce the amount of water being used by the platers.

We decided to develop a project to reduce water usage. The first step was to install flow meters at each process to determine the amount of water actually being used. Then we could determine how much water the process required.

During the month of April 2002, dole valves were installed on each tank on both platers.

The fill valves were also dismantled, preventing an over-ride on the Dole valves, which would result in unnecessary water usage.

#### The Success

Daily readings are now taken and recorded from each flow meter to see our actual usage of soft water. Since the valves were installed each plater has seen a dramatic decrease in soft water usage.

#### The Pollution Prevented

With the implementation of this project, the Plating process has conserved an average of over 24,750 gallons of soft water each day. Plater 1 has seen a decrease of 37% while Plater 2 has seen a decrease of 42%. Continuing this trend will result in a savings of nearly 9 million gallons a year.

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